

Converting Colors

Hex(83B2C0)

Have a look what the booklet for
Hex(83B2C0) contains.

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Color

Hex(83B2C0)

Conversions

Conversions Part 1

Format	Color
Hex	83B2C0
RGB	131, 178, 192
RGB Percent	51%, 70%, 75%
CMY	0.4863, 0.3020, 0.2471
CMYK	0.32, 0.07, 0.00, 0.25
HSL	194°, 33%, 63%
HSV	194°, 32%, 75%
XYZ	34.7949, 40.4719, 55.8471
YIQ	165.5430, -32.5060, -5.6100

Conversions

Conversions Part 2

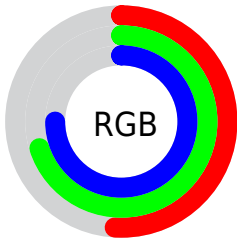
Format	Color
RYB	131, 158, 192
Decimal	8630976
CIELab	69.80, -12.17, -12.16
CIElCh	70, 17.198, 224.979
Yxy	40.4719, 0.2654, 0.3087
Android (android.graphics.Color)	4286821056 (0xFF83B2C0)
YUV	165.5430, 13.0433, -30.2942
Hunter-Lab	63.6175, -13.7020, -7.5160

Details

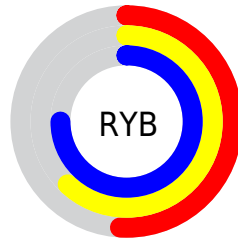
The Hex color **83B2C0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C09183**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BAEAF8**, and **4F7D8B** is the 20% darker color. If you saturate the color by 10%, you get **70AEC0**, and if you desaturate by 10%, it is **96B6C0**.

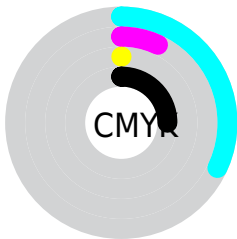
Distribution



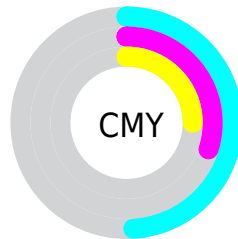
- Red (51%)
- Green (70%)
- Blue (75%)



- Red (51%)
- Yellow (62%)
- Blue (75%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (49%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B2C0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 83B2C0 by changing the saturation by 10% instead.

 83B2C0

 83B2C0

FFFFFF

 6997A5

 BAEAF8

 4F7D8B

 D6FFFF

 356471

 F3FFFF

 1B4C59

 003641

 00202B

 000117

 000000

 83B2C0

 83B2C0

70AEC0

96B6C0

5DA9C0

A9BBC0

49A5C0

BDBFC0

36A0C0

D0C4C0

239CC0

E3C8C0

1098C0

F6CCC0

0094C0

FFD1C0

FFD5C0

FFDAC0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82B4B2



83B2C0



90AEC8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83B2C0



C5A0B3



AFAC8C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83B2C0



C09183

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



BEA78D



83B2C0



CBA0A3

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83B2C0



B7A4C1



C9A295



9DB094

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83B2C0



9CABC9



C9A295



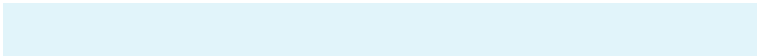
B4AA8C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83B2C0



E1F4FA



83C090



6E7A7D



FCFCFC



7D7D7D

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83B2C0



9BE4FA



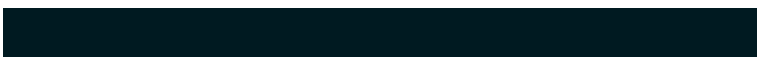
8394C0



575F61



007CA1



001A21

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C083B2



FA9BE4



C0AF83



61575F



A1007C



21001A

Previews

White Background



This preview shows how the Hex color 83B2C0 looks on a white background.

Color Contrast Check

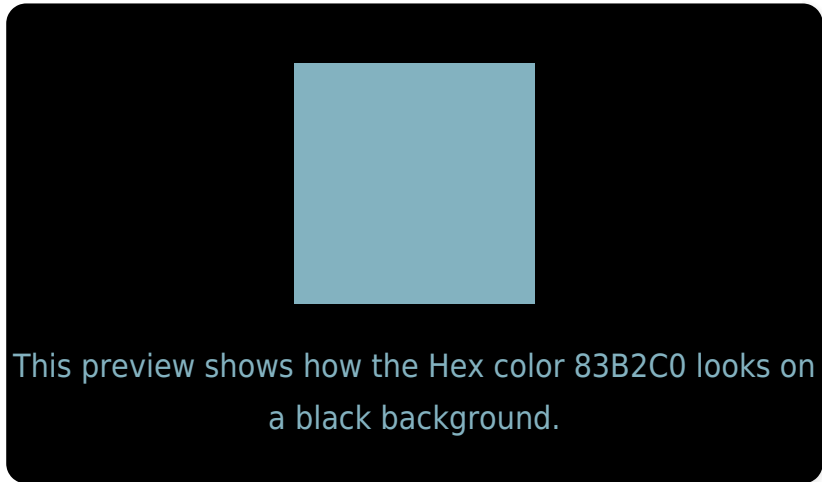
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

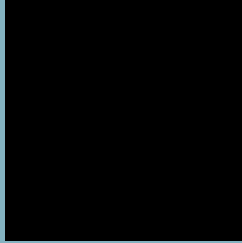
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 83B2C0 Background



This preview shows how black text looks on a background with the Hex color 83B2C0.

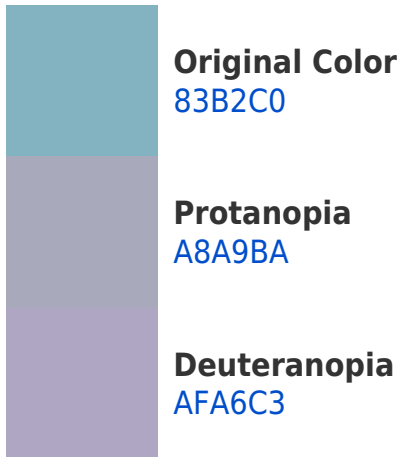


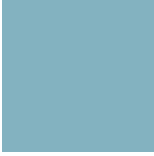
This preview shows how white text looks on a background with the Hex color 83B2C0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

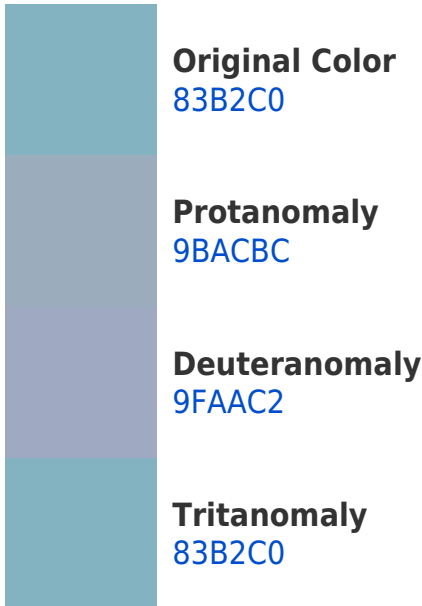
Dichromacy



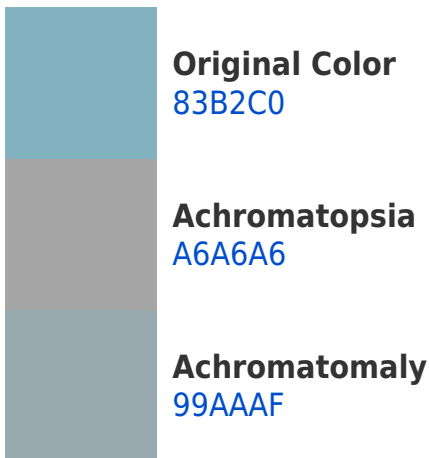


Tritanopia
83B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B2C0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #83B2C0 looks like.

```
.text, #text, p{  
    color:#83B2C0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #83B2C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B2C0
}
```

Border

The CSS property to change the border of an element to Hex 83B2C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83B2C0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#83B2C0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #83B2C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B2C0; -webkit-box-shadow:4px 4px  
4px 4px #83B2C0; box-shadow:4px 4px 4px  
4px #83B2C0 }
```

Background

The CSS property to change the background color of an element to Hex 83B2C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B2C0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#83B2C0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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